

NATIONAL WEATHER SERVICE POLICY DIRECTIVE 10-8

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Operations and Services

Aviation Weather Services

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

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SUMMARY OF REVISIONS: Supersedes Weather Service Operations Manual (WSOM) Chapter D-01, “Aviation Weather Service Program,” Issuance 74-12, dated May 20, 1974.

1. The objectives of the National Weather Service (NWS) Aviation Weather Services Program (AWSP) are to provide quality weather forecast information and services to the aviation community for the protection of life and property, and to increase the efficiency of the National Airspace System. This directive and associated procedural directives listed in Attachment 1 governs how the NWS meets these objectives.
2. This directive assigns the following authorities and responsibilities:
 - 2.1 The Assistant Administrator for Weather Services is responsible for policy, resource advocacy, and allocation of aviation weather services.
 - 2.2 The Office of Climate, Water, and Weather Services (OCWWS) is responsible for:
 - a. Preparing policy and procedure directives.
 - b. Managing standard system programs.
 - c. Consolidating and analyzing performance and effectiveness indicators.
 - 2.3 NWS regional headquarters offices are responsible for:
 - a. Ensuring field offices are organized, trained, and equipped to fulfill AWSP obligations.
 - b. Providing technical assistance to field offices.
 - c. Overseeing regional aviation weather service outreach efforts.

- d. Evaluating performance and effectiveness of the AWSP within their region.

2.4 Weather Forecast Offices (WFO) are responsible for:

- a. Providing weather forecast information and services for aviation operations across their area of responsibility.
- b. Preparing and maintaining an annual aviation operating plan describing specific outreach efforts, such as contacts, meetings, and familiarization visits conducted with local aviation product users. This plan should be a part of the WFO's station operating plan.

2.5 Center Weather Service Units are responsible for providing meteorological information and services consistent with Federal Aviation Administration (FAA) agreements and applicable aviation procedural directives.

2.6 The Space Meteorology Group is responsible for providing worldwide weather support, based on specific landing weather flight rules for shuttle and Soyuz operations, to the National Aeronautics and Space Administration's Human Spaceflight effort at the Johnson Space Center.

2.7 The Aviation Weather Center (AWC), Alaska Aviation Weather Unit, and WFOs Honolulu and Guam, as Meteorological Watch Offices for the International Civil Aeronautical Organization, are responsible for providing enroute and terminal domestic and international forecast information and services consistent with relevant international and FAA agreements.

2.8 NWS meteorologists at the FAA Academy are responsible for providing aviation weather training to FAA personnel.

2.9 The National Centers for Environmental Prediction are responsible for producing numerical weather prediction guidance, outlooks, and discussions to support the AWSP and the Washington World Area Forecast Center.

2.10 All NWS AWSP components will ensure aviation services and products are standardized and consistent.

3. Performance measures:

- a. Ceiling/visibility forecast thresholds.
- b. Thunderstorm forecast criteria of probability of detection and false alarm rates.

//SIGNED//	8/9/02
John J. Kelly, Jr. Assistant Administrator for Weather Services	Date

Attachment 1

REFERENCES AND GLOSSARY OF TERMS

Procedural Directives

NWS Instruction 10-801, Airport Weather Warnings
NWS Instruction 10-802, Aviation Outreach
NWS Instruction 10-803, Support to Air Traffic Facilities
NWS Instruction 10-804, Pilot Reports
NWS Instruction 10-805, Transcribed Weather Broadcast Products
NWS Instruction 10-806, Worldwide Area Forecast System
NWS Instruction 10-807, International Service Agreements
NWS Instruction 10-808, National Weather Service Designated Pilot Program
NWS Instruction 10-809, Support to Federal Aviation Administration Pilot Weather Briefing
Facilities
NWS Instruction 10-810, Domestic Products
NWS Instruction 10-811, International Products
NWS Instruction 10-812, Aviation Wind and Temperature Aloft Forecasts
NWS Instruction 10-813, Terminal Aerodrome Forecasts